

Control Sheet			
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08.15.2005	00	New release (FM4683)	All pages
11.10.2005	01	Corrections (FM4750)	All pages

CR-IR 357 Service Manual

Troubleshooting (MT)

2. Error Code Table

Error Code	Error Name	Occurrence Condition	Analysis Flow
10001	File open error (1)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10002	File read error (1)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10003	File format error (1)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10004	File write error (1)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10005	File close error (1)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10010	File open error (2)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10011	File read error (2)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10012	File format error (2)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10013	File write error (2)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10014	File close error (2)	During bootup, when the file is loaded from the FLASH ROM on the CPU23B board into the DRAM, error is detected for the file residing in the FLASH ROM. Alternatively, an error is detected for the file residing in the DRAM.	 {MT:18.}
10060	Device open error	A file could not be opened during bootup or routine processing due to abnormal motor or other device management information, which is stored on the CPU23B board.	 {MT:18.}
10061	Device I/O control error	Although the CPU23B board attempted during bootup or routine processing to start devices on the SCN23A and SND23A/B boards, an error was detected.	 {MT:18.}
10062	Device read error	Although the CPU23B board attempted during bootup or routine processing to read device information from the SCN23A and SND23A/B boards, an error was detected.	 {MT:18.}
10063	Device write error	Although the CPU23B board attempted during bootup or routine processing to write device information onto the SCN23A and SND23A/B boards, an error was detected.	 {MT:18.}
10064	Barcode reader communication error	The communication between the CPU23B board and barcode reader (BCR) failed during bootup or routine processing due to a communication error.	 {MT:18.}
10065	SCN board BUSY timeout	The scanner board status was checked during bootup or routine processing before command transmission from the CPU23B board to scanner board SCN23A. However, the scanner board was busy.	 {MT:18.}
10066	SCN board transmission timeout	A timeout occurred in the communication between the main CPU (CPU23B board) and scanner H8 CPU (SCN23A) during bootup or routine processing.	 {MT:18.}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10067	SCN board transmission maximum retry count exceeded	The CPU23B board attempted to transmit a command to the SCN23A board during bootup or routine processing. However, the maximum retry count was exceeded (maximum retry count: 3).	 {MT:18.}
10071	SCN board reception checksum error	A checksum error occurred during bootup or routine processing when the CPU23B board attempted to receive a command from the SCN23A board.	 {MT:18.}
10072	SCN board reception timeout	A timeout occurred during bootup or routine processing when the CPU23B board attempted to receive a command from the SCN23A board.	 {MT:18.}
10080	Image reduction process parameter error	A parameter error occurred during routine processing when the CPU23B board was engaged in an image reduction process.	 {MT:18.}
10081	Image reduction process error	An error occurred during routine processing when the CPU23B board was engaged in an image reduction process.	 {MT:18.}
10082	ERS board communication error	The communication between the CPU23B board and ERS23A board failed during bootup or routine processing due to a communication error.	 {MT:18.}
10230	Scanner functional error	During bootup or during routine processing, because the connector (CN1 on the PMT23A board, CNZ31 on the scanning optics unit, CNZ32 on the scanning optics unit, CN1 on the SYN23A board, CN1 on the LDD23A board) is disconnected, the laser (LDD), start-point detection (SYN), and photomultiplier (PMT) functions are disabled. Because the laser is not enabled, the leading-edge detection (SED) cannot be performed (detail code: D0E503). Note that if the HV is OFF, the detail code is D0E403.	 {MT:5.1}
10231	Scanner power supply error (1)	During bootup or during routine processing, because +15V is not supplied to the SCN23A board due to blow of the fuse (F2 on the SCNS23A board) or +15V power supply error, most of the functions, except for the polygonal mirror (POL) and laser (LDD), are disabled (detail code: A00300). Note that if the HV is OFF, the detail code is A00000.	 {MT:5.2}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10232	Scanner power supply error (2)	During bootup or during routine processing, because the fuse (F5 and F6 on the SCN23A board) is blown, the photomultiplier (PMT) and start-point detection (SYN) functions are disabled (detail code: 809500). Note that if the HV is OFF, the detail code is 808400.	 {MT:5.3}
10233	Scanner power supply error (3)	During bootup or during routine processing, because the fuse (F2 on the SCN23A board) is blown or because -15V is not supplied to the SCN23A board, the photomultiplier (PMT), start-point detection (SYN), and laser (LDD) functions are disabled. Because the laser (LDD) is not enabled, the leading-edge detection (SED) cannot be performed (detail code: A00300).	 {MT:5.1}
10234	Scanner power supply error (4)	- During bootup or during routine processing, because the fuse (F2 on the SCN23A board) is blown, $\pm 15V$ is not supplied to the SCN23A board, and the photomultiplier (PMT), start-point detection (SYN), laser (LDD), and SCN board (PLL) functions are disabled. Because the laser (LDD) is not enabled, the leadingedge detection (SED) cannot be performed (detail code: A00303). Note that if the HV is OFF, the detail code is A00003. - During bootup, all the fuses except for the fuse (F5 on the SCN23A board) are blown, $\pm 15V$ is not supplied to the SCN23A board, and the photomultiplier (PMT), start-point detection (SYN), laser (LDD), and SCN board (PLL) functions are disabled. Because the laser (LDD) is not enabled, the leading-edge C28detection (SED) cannot be performed (detail code: B00300). Note that if the HV is OFF, the detail code is B00000.	 {MT:5.4}
10235	Scanner power supply error (5)	- During bootup or during routine processing, because +24V is not supplied to the SCN23A board due to blow of the fuse (F4 on the SCN23A board) or +24V (SLOT-E) power supply error, the polygonal mirror (POL) function is disabled (detail code: 902403). Note that if the HV is OFF, the detail code is 903403. - During bootup or during routine processing, because +5V is not supplied to the SYN23A board and SED23A board due to blow of the fuse (F3 or F6 on the SCN23A board) or +5V (SLOT-B) power supply error, the leading-edge detection (SED) and start-point detection (SYN) functions are disabled (detail code: C01400).	 {MT:5.5}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10236	Scanner power supply error (6)	During bootup or during routine processing, because $\pm 15V$ is not supplied to the SYN23A board, PMT23A board, and LDD23A board due to blow of the fuses (F2 and F5 on the SCN23A board), the photomultiplier (PMT), start-point detection (SYN), and laser (LDD) functions are disabled. Because the laser (LDD) is not enabled, the leading-edge detection (SED) cannot be performed (detail code: 80D500). Note that if the HV is OFF, the detail code is 80D400.	 {MT:5.6}
10244	Scanner control board error (4)	During bootup, an SCN23A board diagnostic error associated with polygon error is detected. Because the PLL on the SCN23A board does not oscillate, a polygon sync signal cannot be detected.	 {MT:5.7}
10261	Polygon rotation error (1)	During bootup, error for the polygon lock signal (PONL, POKL) is detected so that the polygonal mirror function is disabled. The start-point detection (SYN) and leading-edge detection (SED) functions are also disabled (detail code: 903403, 003400, 902403).	 {MT:5.7}
10271	Laser unlit error (1)	During bootup, the laser (LDD) and start-point detection (SYN) functions are disabled due to blow of the fuse (F4 on the SCN23A board) or laser failure (detail code: 805413, C05413, 00503).	 {MT:5.8}
10281	Start-point detection error (1)	During routine processing or during self-diagnostics, because the signal from the start-point detection (SYN) is faulty, the SCN23A board does not operate normally (detail code: 801C03).	 {MT:5.9}
10283	Scanning optics unit board error (1)	For self-diagnostics prior to reading during routine processing, the SCN23A board diagnostic error associated with polygon error is detected. The laser is unlit due to a disconnected connector at the scanning optics unit, etc., so that an error related to the polygon error occurs, as well.	 {MT:5.7}
10294	H8 CPU version error	It was detected during bootup that the version of the firmware for the H8 CPU on the SCN23A board was not as specified.	 {MT:5.10}
10298	Scanner retry error	During bootup, because the scanner-related error is detected, the IP is returned to the cassette and the scanner is initialized. The routine processing is retried again, but the scanner-related error recurs.	 {MT:5.11}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10311	Cassette hold sensor combination inconsistency	The cassette width sensors detected an abnormal combination when the cassette set unit performed a cassette hold operation during bootup. The cassette IN sensor (SA1) detected that no cassette was present (OPEN). The cassette hold sensor (SA2) detected a cassette hold (CLOSED). The cassette ejection sensor (SA11) detected that no cassette was present (OPEN).	 {MT:4.9}
10312	Cassette sensor combination inconsistency (1)	The cassette width sensors in the cassette set unit detected an abnormal combination during bootup. The cassette IN sensor (SA1) detected a cassette (CLOSED). The cassette hold sensor (SA2) detected that a cassette hold was released (OPEN). The cassette ejection sensor (SA11) detected that no cassette was present (OPEN).	 {MT:4.10}
10313	Cassette sensor combination inconsistency (2)	The cassette width sensors in the cassette set unit detected an abnormal combination during bootup. The cassette IN sensor (SA1) detected a cassette (CLOSED). The cassette hold sensor (SA2) detected a cassette hold (CLOSED). The cassette ejection sensor (SA11) detected that no cassette was present (OPEN).	 {MT:4.10}
10314	Cassette sensor combination inconsistency (3)	The cassette width sensors in the cassette set unit detected an abnormal combination during bootup. The cassette insertion error sensor (SA14) detected a cassette (CLOSED). The large cassette size sensor (SA15) detected that no cassette was present (OPEN). When a small-size cassette is inserted into position under normal conditions, the SA14 and SA15 both OPEN. When a large-size cassette is inserted into position under normal conditions, the SA14 and SA15 both CLOSE.	 {MT:4.11}
10317	Side-positioning grip sensor combination inconsistency (SC1 & SC2)	When a home positioning operation was performed for the side-positioning grip during bootup or routine processing, the side-positioning grip HP sensor (SC1) and side-positioning grip release position sensor (SC2) detected an abnormal state.	 {MT:4.20}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10318	Side-positioning grip HP error	When a home positioning operation was performed for the side-positioning grip during bootup or routine processing, the side-positioning conveyor roller grip release motor (MC2) was driven. However, the side-positioning grip HP sensor (SC1) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.20}
10319	Side-positioning start position detection error	When an operation was performed to detect a side-positioning start position during bootup or routine processing, the side-positioning latch mechanism driving motor (MC3) was driven. However, the side-positioning latch stroke sensor (SC10) did not CLOSE within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.21}
10320	Side-positioning home positioning error	When a home positioning operation was performed for the side-positioning mechanism during bootup or routine processing, the side-positioning latch mechanism driving motor (MC3) was driven. However, the side-positioning latch stroke sensor (SC10) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.21}
10322	Subscanning grip position search error	When an operation was performed to search the subscanning grip position during bootup, the driving-side grip roller release HP sensor (SZ3) or driven-side grip roller release HP sensor (SZ2) was not CLOSED. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.26}
10323	Driving-side grip roller grip error	When an operation was performed to grip the driving-side grip roller during bootup, the driving-side grip roller release HP sensor (SZ3) was not OPEN. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.26}
10324	Driven-side grip roller grip error (1)	When a fast grip operation was performed for the driven-side grip roller during bootup, the driven-side grip roller release HP sensor (SZ2) was not OPEN. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.26}
10325	Cassette cover closing mechanism HP release error	When a home position release operation was performed for the cassette cover closing mechanism during bootup or routine processing, the cassette cover closing mechanism driving motor (MA2) was driven. However, the cassette cover closing mechanism HP sensor (SA8) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.12}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10326	Cassette cover closing mechanism home positioning error	When an attempt was made to return the cassette cover closing mechanism to its home position during bootup or routine processing, the cassette cover closing mechanism driving motor (MA2) was driven. However, the cassette cover closing mechanism HP sensor (SA8) did not CLOSE within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.12}
10327	Debris fall prevention shutter close error during bootup	When a home positioning operation was performed for the cassette cover opening mechanism during bootup, it was found that the debris fall prevention shutter sensor (SA3) was CLOSED (the shutter was closed).	 {MT:4.13}
10328	IP hold release error during bootup	When a home positioning operation was performed for the cassette cover opening mechanism during bootup, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected).	 {MT:4.14}
10329	Cassette cover opening mechanism HP detection error (1)	When a home positioning operation was performed for the cassette cover opening mechanism during bootup or routine processing, the cassette cover opening mechanism driving motor (MA1) was driven by one pulse. However, the cassette cover opening mechanism HP sensor (SA7) did not CLOSE within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.15}
10332	Debris fall prevention shutter open error (1)	When a home positioning operation was performed for the cassette cover opening mechanism during bootup or routine processing, the cassette cover opening mechanism driving motor (MA1) was driven (to perform an approaching operation). However, the debris fall prevention shutter sensor (SA3) detected that the shutter was open.	 {MT:4.13}
10333	Debris fall prevention shutter open error (2)	When a home positioning operation was performed for the cassette cover opening mechanism during bootup or routine processing, the cassette cover opening mechanism driving motor (MA1) was driven (to perform a returning operation). However, the debris fall prevention shutter sensor (SA3) detected that the shutter was open.	 {MT:4.13}
10334	Debris fall prevention shutter open error (3)	When a home positioning operation was performed for the cassette cover opening mechanism during bootup or routine processing, the cassette cover opening mechanism driving motor (MA1) was driven by one pulse. However, the debris fall prevention shutter sensor (SA3) detected that the shutter was open.	 {MT:4.13}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10336	Suction arm home positioning error	When a suction arm home positioning operation was performed during bootup or routine processing, the suction arm driving motor (MA3) was driven. However, it was impossible to detect that the suction arm HP sensor (SA6) was OPEN or CLOSED. Although two retries were performed, the sensor status was not detected, and the system went down.	 {MT:4.16}
10339	Cassette size sensor combination error (1)	When a remaining IP search process was performed during bootup, the cassette width sensors (SA9, SA14, and SA15) in the cassette set unit detected an abnormal combination.	 {MT:4.11}
10340	Cassette size sensor combination error (2)	When a remaining IP search process was performed during bootup, the cassette IN sensor and cassette ejection sensor in the cassette set unit detected an abnormal combination. The cassette ejection sensor (SA11) detected that no cassette was present (OPEN). However, the cassette IN sensor (SA1) detected a cassette (CLOSED).	 {MT:4.10}
10343	IP drop detection during bootup	When a remaining IP search process was performed during bootup, the IP dropping sensor (SA4) detected an IP (CLOSED) to find that an IP was dropped.	 {MT:4.17}
10344	IP holding arm release error during bootup (1)	When an attempt was made to release the cassette IP holding arm from the IP holding position during bootup, the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.14}
10345	IP holding arm release error during bootup (2)	When an attempt was made to release the cassette IP holding arm from the IP holding position during bootup while the cassette cover opening mechanism was in the cassette cover open position, the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.15}
10346	Feed IP drop detection during bootup (1)	When an IP feed operation was performed for a remaining IP search process during bootup, the IP dropping sensor (SA4) detected an IP (CLOSED) to find that an IP was dropped.	 {MT:4.17}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10347	IP sensor combination error	When a remaining IP search process was performed during bootup, the IP dropping sensor (SA4) and side-positioning conveyor unit IP sensor 1 (SC3) were CLOSED (detected an IP). Therefore, the system went down.	 {MT:4.1}
10348	Remaining IP conveyance error (side-positioning conveyor unit)	When a remaining IP search process was performed during bootup, the IP transport motors (MZ1, MA4, and MC1) were driven. However, the IP dropping sensor (SA4) in the cassette set unit, IP sensor 1 (SC3) in the side-positioning conveyor unit, or IP sensor 2 (SG1) in the housing unit did not CLOSE within a predetermined period of time (did not detect an IP). It is conceivable that the IP may be jammed in the side-positioning conveyor unit.	 {MT:4.2}
10349	Remaining IP conveyance error (subscanning unit)	When a remaining IP search process was performed during bootup, the IP transport motors (MZ1, MA4, and MC1) were driven. However, the IP dropping sensor (SA4) in the cassette set unit, IP sensor 1 (SC3) in the side-positioning conveyor unit, or IP sensor 2 (SG1) in the housing unit did not CLOSE within a predetermined period of time (did not detect an IP). It is conceivable that the IP may be jammed in the subscanning unit.	 {MT:4.2}
10350	Subscanning grip roller free rotation error	When the subscanning unit grip roller freely rotated during bootup, the driving-side grip roller release HP sensor (SZ3) was not OPEN. Therefore, retries were performed. However, the maximum retry count was exceeded.	 {MT:4.26}
10351	Driving-side grip roller fast grip release retry error (1)	When a fast grip release operation was performed for the driving-side grip roller during bootup, the driving-side grip roller release HP sensor (SZ3) was not OPEN. Therefore, retries were performed. However, the maximum retry count was exceeded.	 {MT:4.26}
10352	Subscanning IP ejection grip maximum retry count exceeded	When a subscanning IP ejection grip operation was performed during bootup or routine processing, the driving-side grip roller release HP sensor (SZ3) was not CLOSED. Therefore, retries were performed. However, the maximum retry count was exceeded.	 {MT:4.26}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10353	Remaining IP length measurement conveyance error (1)	When a remaining IP length measurement process was performed during bootup, the IP transport motors (MZ1, MA4, and MC1) were driven. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not CLOSE (did not detect an IP) within a predetermined period of time.	 {MT:4.3}
10354	Remaining IP length measurement conveyance error (2)	When a remaining IP length measurement process was performed during bootup, the IP transport motors (MZ1, MA4, and MC1) were driven. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not OPEN (did not find that no IP was present) within a predetermined period of time.	 {MT:4.3}
10355	Remaining IP length measurement conveyance error (3)	When a remaining IP length measurement process was performed during bootup, the IP transport motors (MZ1, MA4, and MC1) were driven. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not OPEN (did not find that no IP was present) within a predetermined period of time.	 {MT:4.3}
10356	Nonstandard IP detection	When a remaining IP length measurement process was performed during bootup, a nonstandard IP size was detected.	 {MT:4.22}
10357	Subscanning pre-reading grip retry error (1)	When the subscanning unit performed a pre-reading grip release operation during bootup or routine processing, the driven-side grip roller release HP sensor (SZ2) was not CLOSED. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.26}
10358	Remaining IP side-positioning error (1)	When a remaining IP side-positioning process was performed during bootup, the IP transport motors (MA4 and MC1) were driven. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not CLOSE (did not detect an IP) within a predetermined period of time.	 {MT:4.4}
10360	Feed IP drop detection during bootup (2)	When an IP feed operation was performed within the cassette for a remaining IP ejection process during bootup, the IP dropping sensor (SA4) detected an IP (CLOSED) to find that an IP was dropped.	 {MT:4.17}
10361	Cassette cover opening mechanism home positioning error	When a home positioning operation was performed for the cassette cover opening mechanism during bootup or routine processing, the cassette cover opening mechanism driving motor (MA1) was driven. However, it was impossible to detect that the cassette cover opening mechanism HP sensor (SA7) was OPEN or CLOSED. Although two retries were performed, the sensor status was not detected, and the system went down.	 {MT:4.15}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10364	Remaining IP load conveyance error during bootup (1)	When a remaining IP ejection process was performed during bootup, the IP transport motors (MA4 and MC1) were driven. However, IP sensor 2 (SG1) in the housing unit did not CLOSE (did not detect an IP) within a predetermined period of time.	 {MT:4.5}
10365	Remaining IP load conveyance error during bootup (2)	When a remaining IP ejection process was performed during bootup, the IP transport motors (MA4 and MC1) were driven. However, IP sensor 2 (SG1) in the housing unit did not OPEN (did not find that no IP was present) within a predetermined period of time.	 {MT:4.5}
10367	Subscanning speed correction retry error	When a subscanning grip speed correction operation was performed during bootup or routine processing, an error occurred. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.26}
10370	Dust removal mechanism home positioning retry error	The dust removal motor (MZ3) was driven during bootup or routine processing to perform a home positioning operation for the dust removal mechanism. However, the dust removal HP sensor (SZ5) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.27}
10371	Dust removal mechanism drive retry error (1)	The dust removal motor (MZ3) was driven by the dust removal mechanism during user utility processing. However, the dust removal HP sensor (SZ5) did not CLOSE within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.27}
10372	Dust removal mechanism drive retry error (2)	The dust removal motor (MZ3) was driven by the dust removal mechanism during user utility processing. However, the dust removal HP sensor (SZ5) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.27}
10380	Cassette cover opening mechanism error	The cassette cover opening mechanism driving motor (MA1) was driven to close the debris fall prevention shutter during routine processing. However, the cassette cover opening mechanism HP sensor (SA7) was CLOSED.	 {MT:4.15}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10391	IP holding arm release error (1)	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to release the cassette IP holding arm from the IP holding position after IP suction. However, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected).	 {MT:4.14}
10393	Feed IP holding error	The cassette cover opening mechanism driving motor (MA1) for IP holding was driven during routine processing. However, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.14}
10395	Pre-length-measurement IP position detection error (2)	The IP transport motor (MA4) was driven during routine processing to return an IP to the cassette after an IP drop. However, IP sensor 2 (SG1) in the housing unit did not OPEN (did not find that no IP was present) within a predetermined period of time.	 {MT:4.6}
10404	BCR read retry conveyance error	When an IP return conveyance operation was performed during routine processing for the purpose of retrying to read a barcode, the IP transport motors (MA4 and MC1) were driven. However, the IP dropping sensor (SA4) did not CLOSE (did not detect an IP) within a predetermined period of time.	 {MT:4.7}
10408	Side-positioning grip release error	The side-positioning conveyor roller grip release motor (MC2) was driven to release the side-positioning grip during bootup or routine processing. However, the side-positioning grip release position sensor (SC2) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.20}
10409	Side-positioning grip release preparation error	The side-positioning conveyor roller grip release motor (MC2) was driven for the purpose of retrying to release the side-positioning grip during bootup or routine processing. However, the side-positioning grip HP sensor (SC1) did not OPEN within a predetermined period of time.	 {MT:4.20}
10410	Side-positioning grip error	The side-positioning conveyor roller grip release motor (MC2) was driven for side-positioning gripping purpose during bootup or routine processing. However, the side-positioning grip HP sensor (SC1) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.20}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10411	Side-positioning grip preparation error	The side-positioning conveyor roller grip release motor (MC2) was driven to retry a side-positioning gripping operation during bootup or routine processing. However, the side-positioning grip release position sensor (SC2) did not OPEN within a predetermined period of time.	 {MT:4.20}
10418	Driving-side grip roller grip release error	The driven/driving grip roller driving motor (MZ2) was driven during routine processing to release the driving-side grip roller grip. However, the driving-side grip roller release HP sensor (SZ3) was not OPEN.	 {MT:4.26}
10419	Post-reading conveyance error (1)	The IP transport motors (MA4, MC1, and MZ1) were driven during routing processing to perform a post-IP-reading conveyance operation. However, IP sensor 2 (SG1) in the housing unit did not CLOSE (did not detect an IP) within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.8}
10420	Erase conveyance error	The IP transport motors (MA4 and MC1) were driven during routine processing to perform an IP erasure conveyance operation. However, IP sensor 2 (SG1) in the housing unit did not OPEN (did not find that no IP was present) within a predetermined period of time.	 {MT:4.5}
10421	IP suction error (after IP reading)	For IP suction purposes, the IP suction pump (PA1) was turned ON during routine processing. However, it was found that the IP suction sensor (SA5) was CLOSED (the IP was not vacuum-retained). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.18}
10422	Load IP drop (1)	After the cassette IP holding arm was released during routine processing, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection). Therefore, retries were performed. However, the maximum retry count was exceeded.	 {MT:4.17}
10423	Load IP drop (2)	After the cassette cover was closed during routine processing, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection). Therefore, retries were performed. However, the maximum retry count was exceeded.	 {MT:4.17}
10424	IP holding error	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to prevent an IP drop. However, it was found that the cassette IP holding sensor (SA10) was CLOSED (the IP was not held and an old cassette was detected). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.14}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10425	IP suction positioning preliminary conveyance error	When a suction positioning preliminary conveyance operation was performed for a load IP during routine processing, the IP transport motor (MA4) was driven. However, IP sensor 2 (SG1) in the housing unit did not CLOSE (did not detect an IP) within a predetermined period of time.	 {MT:4.6}
10426	IP suction positioning conveyance error	When a suction positioning conveyance operation was performed for a load IP during routine processing, the IP transport motor (MA4) was driven. However, IP sensor 2 (SG1) in the housing unit did not OPEN (did not find that no IP was present) within a predetermined period of time.	 {MT:4.6}
10427	Debris fall prevention shutter open error	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to release a held IP in the load sequence. However, it was found that the debris fall prevention shutter sensor (SA3) was OPEN (the shutter was open).	 {MT:4.13}
10428	IP hold release error (1)	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to release a held IP in the load sequence. However, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.14}
10429	IP hold release error (2)	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to release a held IP in the load sequence. However, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.14}
10430	Cassette cover opening mechanism home positioning error	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to achieve cassette cover opening mechanism home positioning. However, it was found that the debris fall prevention shutter sensor (SA3) was CLOSED (the shutter was closed). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.13}
10432	IP suction relief error	When a suction relief operation was performed in the IP load sequence during routine processing, it was found that the IP suction sensor (SA5) was OPEN (the IP was vacuum-retained). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.18}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10433	IP drop after cassette cover opening (1)	After the cassette cover opening mechanism driving motor (MA1) was driven during routine processing to retract the cassette cover opening pin, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection).	 {MT:4.17}
10434	IP drop after cassette cover opening (2)	After a held IP was released in the load sequence during routine processing, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection).	 {MT:4.17}
10435	IP conveyance error	The IP transport motors (MA4, MC1, and MZ1) were driven during bootup or routine processing. However, IP sensor 2 (SG1) in the housing unit did not OPEN (did not find that no IP was present) within a predetermined period of time. It is conceivable that the IP may be jammed between the erasure unit and side-positioning conveyor unit.	 {MT:4.8}
10436	Cassette cover closing mechanism drive error	The cassette cover closing mechanism driving motor (MA2) was driven during routine processing. However, the cassette cover closing mechanism HP sensor (SA8) did not CLOSE within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.12}
10441	Debris fall prevention shutter open error (4)	The cassette cover opening mechanism driving motor (MA1) was driven by one pulse during bootup or routine processing to perform a home positioning operation for the cassette cover opening mechanism. However, it was found that the debris fall prevention shutter sensor (SA3) was OPEN (the shutter was open).	 {MT:4.13}
10443	Bootup cassette cover opening mechanism home positioning error	When the cassette cover opening mechanism was moved from the reference position to the home position during bootup, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.17}
10451	Remaining IP side-positioning error (2)	When a remaining IP side-positioning process was performed during bootup, the IP transport motors (MA4, MC1, and MZ1) were driven to achieve IP positioning. However, IP sensor 2 (SG1) in the housing unit was CLOSED.	 {MT:4.8}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10456	Cassette cover closing mechanism HP sensor error	When an attempt was made during bootup or routine processing to place the cassette cover closing mechanism in its reference position, the cassette cover CLOSE position sensor (SA12) was not OPEN.	 {MT:4.12}
10461	Feed conveyance retry error	The IP transport motors (MA4 and MC1) were driven during routine processing to perform an IP return conveyance operation in the feed conveyance retry sequence. However, IP sensor 2 (SG1) in the housing unit did not OPEN within a predetermined period of time.	 {MT:4.5}
10462	Post-reading conveyance error (2)	The IP transport motors (MA4, MC1, and MZ1) were driven during routing processing to perform a post-IP-reading conveyance operation. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not CLOSE (did not detect an IP) within a predetermined period of time.	 {MT:4.3}
10464	Side-positioning reference block home positioning retry error	The side-positioning reference block driving motor (MC4) was driven during bootup or routine processing to perform a home positioning operation for the side-positioning reference block. However, the side-positioning reference block HP sensor (SC7) did not CLOSE within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.23}
10465	Remaining IP side-positioning reference surface positioning error	The side-positioning reference block driving motor (MC4) was driven during bootup to perform a remaining IP side-positioning process. However, the side-positioning reference block HP sensor (SC7) did not CLOSE within a predetermined period of time.	 {MT:4.23}
10467	Side-positioning latch home positioning error	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to perform a home positioning operation for the side-positioning latch. However, the side-positioning latch position sensor (SC8) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.24}
10468	Side-positioning latch HP detection error	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to detect the home position of the side-positioning latch. However, the side-positioning latch position sensor (SC8) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.24}

Error Code	Error Name	Occurrence Condition	Analysis Flow
10469	Side-positioning latch protrusion error	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to protrude the side-positioning latch. However, the side-positioning latch position sensor (SC8) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.24}
10731	INV23A board position error	When the ERS board conducted a diagnostic check during bootup, it was found that the INV23A board was not mounted in the correct position. For the correct board position, refer to the MD volume.	 {MT:21.7}
10900	Configuration initialization failure	During bootup, the lconfiguration data (lrset.cfg) could not be loaded into the SDRAM from the flash ROM on the CPU23A board.	 {MT:18.}
11200	Initialization HV-OFF status	It was found during bootup that the high voltage of the photomultiplier (PMT23A board) was OFF.	 {MT:13.}
11273	Laser life warning	During bootup, the laser drive current value (LDIF) is more than 1.4 times the factory default value.	 {MT:5.10}
11287	Image data variation or image signal connector error during bootup	An abnormal virtual data change was detected when the virtual data transfer diagnostics was conducted for bootup. In the virtual data transfer diagnostics for bootup, an abnormal virtual data change, disconnected image signal connector, or erroneous connector connection was detected.	 {MT:5.12}
11315	Bootup improper cassette loading detection	It was found during bootup that a cassette was improperly loaded (inserted obliquely or into a non-reference position).	 {MT:4.19}
11316	Bootup incomplete cassette insertion detection	It was found during bootup that a cassette was incompletely inserted. The cassette IN sensor (SA1) detected that no cassette was present (CLOSED). The cassette ejection sensor (SA11) detected that a cassette was present (CLOSED).	 {MT:4.10}

Error Code	Error Name	Occurrence Condition	Analysis Flow
11341	Improper cassette loading detection (1)	When a remaining IP search process was performed during bootup, an incompletely inserted cassette was detected. The cassette IN sensor (SA1) detected that no cassette was present (CLOSED). The cassette hold sensor (SA2) detected a cassette hold (OPEN). The cassette ejection sensor (SA11) detected that a cassette was present (CLOSED).	 {MT:4.10}
11342	Improper cassette loading detection (2)	When a remaining IP search process was performed during bootup, an incompletely inserted cassette was detected. The cassette IN sensor (SA1) detected that a cassette was present (OPEN). The cassette hold sensor (SA2) detected that a cassette hold was released (CLOSED). The cassette ejection sensor (SA11) detected that a cassette was present (CLOSED).	 {MT:4.10}
11373	Cassette hold retry error	The cassette hold pin solenoid (SOLA1) turned OFF (cassette hold) during routine processing. However, the cassette hold sensor (SA2) detected that a cassette hold was released (CLOSED). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.9}
11374	Incomplete cassette insertion detection	It was found during routine processing that a cassette was incompletely inserted. The cassette IN sensor (SA1) detected that no cassette was present (CLOSED). The cassette ejection sensor (SA11) detected that a cassette was present (CLOSED).	 {MT:4.10}
11375	Cassette not detected	The cassette hold pin solenoid (SOLA1) turned OFF (cassette hold) during routine processing. However, the cassette IN sensor (SA1) detected that no cassette was present (OPEN).	 {MT:4.9}
11377	Cassette size sensor combination error	The cassette width sensors (SA9, SA14, and SA15) in the cassette set unit detected an abnormal combination during routine processing.	 {MT:4.11}
11378	Small-size cassette loading error	The cassette width sensors in the cassette set unit detected an abnormal combination during routine processing. The "15x30 cassette" identifying sensor (SA9) detected that no cassette was present (OPEN). The cassette insertion error sensor (SA14) detected a cassette (CLOSED). The large cassette size sensor (SA15) detected that no cassette was present (OPEN).	 {MT:4.11}

Error Code	Error Name	Occurrence Condition	Analysis Flow
11379	Cassette hold release error	The cassette hold pin solenoid (SOLA1) turned ON (to release a cassette hold) during routine processing. However, the cassette hold sensor (SA2) detected a cassette hold (OPEN). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.9}
11381	Debris fall prevention shutter close error	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to close the debris fall prevention shutter. However, it was found that the debris fall prevention shutter sensor (SA3) was OPEN (the shutter was open). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.13}
11382	Old cassette loading	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to prevent an IP drop. However, it was found that the cassette IP holding sensor (SA10) was OPEN (old cassette). Although retries were performed, the maximum retry count was exceeded. It was therefore concluded that an old cassette was loaded.	 {MT:4.14}
11389	IP suction error (before IP reading)	The IP suction pump (PA1) turned ON during routine processing to perform an IP suction operation. However, it was found that the IP suction sensor (SA5) was CLOSED (the IP was not vacuum-retained). Although retries were performed, the maximum retry count was exceeded.	 {MT:4.18}
11390	Feed IP suction error	It was found during routine processing that the IP suction sensor (SA5) was CLOSED (the IP was not vacuum-retained) prior to the IP feed air leak sequence. Although an IP feed operation was retried, the maximum retry count was exceeded.	 {MT:4.18}
11396	Feed IP conveyance error (1)	The IP transport motors (MA4 and MC1) were driven during routine processing to perform a feed conveyance operation. However, IP sensor 2 (SG1) in the housing unit did not CLOSE (did not detect an IP) within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.5}
11397	Feed IP conveyance error (2)	The IP transport motors (MA4 and MC1) were driven during routine processing to perform a feed conveyance operation. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not CLOSE (did not detect an IP) within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.4}

Error Code	Error Name	Occurrence Condition	Analysis Flow
11398	Nonstandard IP size	When a remaining IP length measurement process was performed during bootup, IP sensor 1 (SC3) in the side-positioning conveyor unit and "15x30/24x30 IP width" identifying sensor (SC9) detected an abnormal combination. It was therefore concluded that a nonstandard IP size was encountered.	 {MT:4.22}
11403	Barcode reading retry error	The barcode could not be read during routine processing. Although the barcode reading operation was retried, the maximum retry count was exceeded.	 {MT:4.25}
11405	Barcode reading retry conveyance error	The IP transport motors (MA4 and MC1) were driven during routine processing to perform a barcode reading retry conveyance operation. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not CLOSE (did not detect an IP) within a predetermined period of time.	 {MT:4.4}
11406	Nonstandard IP size	During routine processing, the IP size detected in an IP length measurement process and the IP type detected in a barcode reading operation formed an abnormal combination.	 {MT:4.25}
11407	Unacceptable IP generation/type detection	The IP type detected in a barcode reading operation during routine processing was other than ST-VN/ST-VI.	-
11413	Leading-edge detection error	The subscanning motor (MZ1) was driven during routine processing to perform a reading conveyance operation. However, the leading-edge detection interrupt did not occur within a predetermined period of time.	 {MT:4.28}
11414	Subscanning conveyance error (1)	The subscanning motor (MZ1) was driven during routine processing to perform a reading conveyance operation. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not OPEN (did not find that no IP was present) within a predetermined period of time.	 {MT:4.29}
11453	Improperly sized cassette ejection request	When a remaining IP ejection process was performed during bootup, it was found that the cassette size did not match the size of the IP in the machine. It was therefore requested that the cassette be ejected.	 {MT:4.11}
11454	Empty cassette ejection request	When a remaining IP ejection process was performed during bootup, an empty cassette was detected. It was therefore requested that the cassette be ejected.	 {MT:4.10}

Error Code	Error Name	Occurrence Condition	Analysis Flow
11460	Old cassette loading during bootup	The cassette IP holding arm performed an IP holding operation during bootup to determine whether the cassette was old or new. However, it was found that the cassette IP holding sensor (SA10) was CLOSED (the IP was not held and an old cassette was detected). Although retries were performed, the maximum retry count was exceeded. It was therefore concluded that an old cassette was encountered.	 {MT:4.14}
11465	Side-positioning reference block reference surface positioning retry error	The side-positioning reference block driving motor (MC4) was driven during bootup or routine processing to perform a reference surface positioning operation for the side-positioning reference block. However, the side-positioning reference block HP sensor (SC7) did not CLOSE within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.23}
11466	Side-positioning reference block return retry error	The side-positioning reference block driving motor (MC4) was driven during bootup or routine processing to return the side-positioning reference block. However, the side-positioning reference block HP sensor (SC7) did not OPEN within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.23}
11489	Scanner unit cooling fan (FANG1) failure	It was found during bootup or routine processing that the scanner unit cooling fan (FANG1) in the housing unit was faulty.	 {MT:6.1}
11495	Unread IP ejection during bootup	When a remaining IP search process was performed during bootup, an unread IP in the machine was returned to a cassette and then the cassette was ejected.	-
11498	Request for an empty cassette having a specified size	When a remaining IP ejection process was performed during bootup, the insertion of an empty cassette having a specified size was requested.	-
11499	Unread IP ejection during bootup	When a remaining IP search process was performed during bootup, an unread IP in the machine was returned to a cassette and then the cassette was ejected.	-

Error Code	Error Name	Occurrence Condition	Analysis Flow
11510	Unread IP ejection (1)	<Improper servicing> In the CR-IR355RU, the employed RU/console connection setting was N-N. Therefore, the cassette was ejected with a message displayed. Change the console configuration setting to 1:1. <Occurrence condition analysis> The console conducted a barcode search during routine processing. However, the relevant information was not found. Therefore, the IP was ejected into the cassette without being read.	-
11511	Patient information not registered	<User operation> This error occurs if no menu is selected at the time of image output. <Occurrence condition analysis> The barcode could not be read because, for instance, the patient information relevant to the barcode of the processed IP was not registered in the CL or the barcode label attached to the IP was soiled.	-
11512	ID information acquisition error	Although the RU sent an ID information inquiry to the CL during routine processing, the RU could not acquire ID information due to CL abnormality. (This error does not occur in a situation where the target ID is not registered or the ID information cannot be acquired due to a barcode error.) The processed IP returns to the cassette, the cassette is ejected, and the panel displays a message.	 {MT:14.}
11530	Image data retransmission	The RU has retransmitted the image data to the CL	-
11531	Retransmission retry failure	During routine processing, an attempt is made to retransmit the unsent image data from the RU to the CL after communication with the CL is suspended; however, the CL rejects it, so that the image data is lost and the cassette is ejected.	 {MT:14.}
11700	Erase degeneration resulting from inadequate erasure due to erasure lamp illumination failure	A predetermined number of erasure lamps failed to illuminate. The erasure degeneration mode then prevailed due to inadequate erasure. An unerased IP was ejected into the cassette. The message appeared and the user made a mode selection. For the number of unlit erasure lamps, refer to the MD volume.	 {MT:6.3}

Error Code	Error Name	Occurrence Condition	Analysis Flow
11701	Erase time extension due to erasure lamp illumination failure	Some erasure lamps failed to illuminate. Therefore, the message appeared, and a process was performed in the erasure extension mode in which the erasure time was extended. For the number of unlit erasure lamps, refer to the MD volume.	 {MT:6.3}
11702	Erase lamp life end advance notice	A predetermined cumulative erasure lamp illumination time was exceeded. Therefore, the message appeared to indicate that the lamp life end is about to be reached. For the predetermined cumulative erasure lamp illumination time, refer to the MD volume.	 {MT:21.8}
11703	Erase lamp life end 1	The life end warning message appeared because a predetermined cumulative erasure lamp illumination time was exceeded. For the predetermined cumulative erasure lamp illumination time, refer to the MD volume.	 {MT:21.8}
11704	Erase lamp life end 2	The life end message appeared because a predetermined cumulative erasure lamp illumination time was exceeded. For the predetermined cumulative erasure lamp illumination time, refer to the MD volume.	 {MT:21.8}
11710	Temperature sensor failure	It was found during bootup that the temperature thermistor (THE1) was outside the specified temperature range or that the erasure unit temperature control function was inoperative due to an open-circuited or short-circuited sensor.	 {MT:6.4}
11720	Erase cooling fan (FANB1) failure	The failure was detected by a current monitor circuit inside the erasure cooling fan (FANB1) during bootup or routine processing.	 {MT:6.2}
11721	ERS23A board F3 fuse blowout	It was found during bootup or routine processing that the F3 fuse on the ERS23A board, which protects the erasure cooling fan (FANB1), was blown.	 {MT:9.}
11732	Erase time extension due to INV board failure	Some erasure lamps failed to illuminate due to an INV board failure. Therefore, the erasure time was extended. For the number of unlit erasure lamps, refer to the MD volume.	 {MT:6.3}

Error Code	Error Name	Occurrence Condition	Analysis Flow
11733	Erasure degeneration due to INV board failure	A predetermined number of erasure lamps failed to illuminate due to an INV board failure. The erasure degeneration mode then prevailed, and an unerased IP was ejected into the cassette. For the number of unlit erasure lamps, refer to the MD volume.	 {MT:6.3}
11760	Inadequately erased IP ejection	An IP that was inadequately erased due, for instance, to an erasure lamp illumination failure or erasure lamp temperature detection thermistor (THB1) failure was returned to the cassette, and the cassette was ejected.	 {MT:6.6}
11901	Right-hand side cover air filter life end indication	The message appeared and the error was logged because the life end of the right-hand side cover air filter was reached, that is, an IP conveyance count of 90,000 (2 years) was exceeded. Replace the air filter.	 {MT:21.5}
11902	Erasure unit brush roller life end indication	The message appeared and the error was logged because the life end of the erasure unit brush roller was reached, that is, an IP conveyance count of 90,000 (2 years) was exceeded. Replace the brush roller.	 {MT:21.5}
11903	Cassette impact absorption damper life end indication	The message appeared and the error was logged because the life end of the cassette impact absorption damper was reached, that is, an IP conveyance count of 180,000 (4 years) was exceeded. Replace the damper.	 {MT:21.5}
11904	Erasure lamp filter life end indication	The message appeared and the error was logged because the life end of the erasure lamp filter was reached, that is, an IP conveyance count of 90,000 (2 years) was exceeded. Replace the lamp filter.	 {MT:21.5}
11905	IP suction pump life end	The message appeared and the error was logged because the life end of the IP suction pump was reached, that is, an IP conveyance count of 135,000 (3 years) was exceeded. Replace the pump.	 {MT:21.5}

Error Code	Error Name	Occurrence Condition	Analysis Flow
11906	Laser life end	The message appeared because a predetermined cumulative laser illumination time was exceeded.	 {MT:21.5}
11907	Log information save error during shutdown process	An error occurred during an RU shutdown process when an attempt was made to save error log/trace information in the FTP server.	 {MT:7.}
11950	Cassette insertion before console connection establishment	The message appeared and the cassette was ejected because the cassette was inserted before the connection to the console was established.	 {MT:14.}
11951	Cassette setting failure	The message appeared because the cassette was not inserted all the way in and two seconds elapsed.	-
11960	Inadequate erasure due to X-ray overdose	When an erasure mode process was performed during routing processing, an X-ray overdose was detected. Therefore, the message appeared and an inadequately erased IP was returned to the cassette.	-
11970	Power restoration IP process request	An incompletely read IP was detected during bootup. Therefore, the message appeared, and the IP was returned to the cassette and ejected.	-
11971	Power restoration IP erasure request	An incompletely erased IP was detected during bootup. Therefore, the message appeared, and the IP was returned to the cassette and ejected.	-
11980	Erasure incompleteness after re-erasure	Since a high dose was detected during routine processing, the message appeared and a primary erasure process was retried five times. Although the primary erasure process was retried five times, the detected dose was still high. Therefore, the inadequately erased IP was returned to the cassette.	-
12001	File open error 1 (FTP)	An attempt was made in the Maintenance Utility to restore the SCN data. However, an error occurred in the FTP server file open sequence.	 {MT:7.}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12002	File read error 1 (FTP)	An attempt was made in the Maintenance Utility to restore the SCN data. However, an error occurred in the FTP server file read sequence.	 {MT:7.}
12003	File format error 1 (FTP)	An attempt was made in the Maintenance Utility to back up the SCN data. However, an error occurred in the FTP server file formatting sequence.	 {MT:7.}
12004	File write error 1 (FTP)	An attempt was made in the Maintenance Utility to back up the SCN data. However, an error occurred in the FTP server file write sequence.	 {MT:7.}
12005	File close error 1 (FTP)	An attempt was made in the Maintenance Utility to back up the SCN data. However, an error occurred in the FTP server file close sequence.	 {MT:7.}
12039	Console BMP server connection error	An error occurred during routine processing when an attempt was made to establish the connection to the console BMP server.	 {MT:14.}
12040	Console BMP server communication error	An error occurred during routine processing when an attempt was made to establish the communication with the console BMP server.	 {MT:14.}
12201	Start-point detection error	During bootup, error for the start-point detection signal (SSH, SSL) is detected.	 {MT:5.9}
12202	Leading-edge detection error	During bootup, only error for the leading-edge detection signal (SED1L) is detected.	 {MT:5.13}
12203	SCN sync signal error	During bootup, an SCN board diagnostic error (no main-scan sync signal is generated) associated with polygon error occurs.	 {MT:5.7}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12204	Polygon index signal error	During bootup, an SCN board diagnostic error (no polygon index signal is generated) associated with polygon error occurs.	 {MT:5.7}
12206	Interrupt error	An error occurred during bootup because no edge detection interrupt was generated in the event of a CPU23B-to-SCN23A board interrupt diagnostic check error.	 {MT:18.}
12211	PMT analog power supply error	During bootup and routine processing, error for the PMT analog power supply signal (+15VOKH, +15VOKL) is detected.	 {MT:5.14}
12212	Laser light intensity error	During bootup and routine processing, error for the laser OK signal (LD1OKH, LD1OKL) is detected.	 {MT:5.15}
12213	Polygon lock error	During bootup and routine processing, error for the polygon lock signal (POKL, PONL) is detected.	 {MT:5.7}
12214	Polygon rotation error	During bootup and routine processing, error is detected for the polygon rotation detection function on the SCN23A board.	 {MT:5.16}
12215	PLL function error	During bootup and routine processing, error is detected for the PLL function on the SCN23A board.	 {MT:5.16}
12216	Start-point interval error	During bootup and routine processing, error is detected for the start-point interval function on the SCN23A board.	 {MT:5.16}
12217	High-voltage command value error	During bootup and routine processing, error is detected for the high-voltage command value diagnostics signal on the SCN23A board.	 {MT:5.16}
12218	High-voltage detection value error	During bootup and routine processing, error is detected for the high-voltage detection value diagnostics signal on the SCN23A board.	 {MT:5.16}
12222	Laser drive current value error	During bootup and routine processing, the laser drive current value (LDIF) is more than 1.4 times the factory default value.	 {MT:5.10}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12225	Reading status error	During routine processing, error is detected for the VSYNC signal on the SCN23A board.	 {MT:18.}
12226	Operation line status error	During routine processing, error is detected for the SEDTM/FCLKTM signal on the SCN23A board.	 {MT:18.}
12241	Scanner control board error (1)	During bootup or during routine processing, error is detected for the PLL function, polygon rotation function, startpoint interval function on the SCN23A board.	 {MT:5.16}
12242	Scanner control board error (2)	During routine processing, because the PMT high-voltage value is not set correctly on the SCN23A board, error is detected for the high-voltage command diagnostics.	 {MT:5.16}
12243	Scanner control board error (3)	During bootup or during routine processing, error is detected for the start-point mask signal generated from the SCN23A board and the index signal (PINDXL) from the polygonal mirror (POL).	 {MT:5.16}
12244	Scanner control board error (4)	During routine processing, an SCN board diagnostic error associated with polygon error is detected. Because the PLL on the SCN23A board does not oscillate, a polygon sync signal cannot be detected.	 {MT:5.7}
12251	Photomultiplier control board error (1)	During bootup or during routine processing, only error for the PMT analog power supply signal (+15VOKH, +15VOKL) is detected (detail code: 008100). Note that if the HV is OFF, the detail code is 008000.	 {MT:5.14}
12252	Photomultiplier control board error (2)	During bootup or during routine processing, only error for the high-voltage power supply signal (HVOKH, HVOKL) is detected.	 {MT:5.14}
12255	Leading-edge detection error (1)	During bootup or during routine processing, only error for the leading-edge detection signal (SED1, SED2L) is detected.	 {MT:5.13}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12256	Leading-edge detection timing error	During routine processing, IP conveyance overrun occurs due to mechanical error or SCN23A board control error, and only error for the SEDTM and FCLKTM signals on the SCN23A board is detected.	 {MT:5.13}
12261	Polygon rotation error (1)	During bootup, error for the polygon lock signal (PONL, POKL) is detected so that the polygonal mirror function is disabled. The start-point detection (SYN) and leading-edge detection (SED) functions are also disabled.	 {MT:5.7}
12262	Polygon rotation error (2)	During bootup or during routine processing, error for the polygon lock signal (PONL, POKL) and error for the start-point interval function and polygon rotation detection function on the SCN23A/SCT23B board are detected (detail code: 003400).	 {MT:5.7}
12263	Polygon rotation error (3)	During bootup or during routine processing, only error for the lock signal (POKL, PONL) from the polygonal mirror (POL) is detected (detail code: 002001). If error for the SEDTM or FCLKTM signal on the SCN23A board is detected, the detail code is 002003.	 {MT:5.7}
12264	Polygon rotation error (4)	During bootup or during routine processing, error for the signals (PONL, POKL, PINDXL) from the polygonal mirror and the SEDTM signal on the SCN23A board is detected (detail code: 001002). Alternatively, error for the index signal (PINDXL) from the polygonal mirror and the SEDTM and FCLKTM signals on the SCN23A board is detected (detail code: 001000). Alternatively, error for the signals (POKL, PINDXL) from the polygonal mirror and the SEDTM signal on the SCN23A board is detected (error code: 101000).	 {MT:5.7}
12271	Laser unlit error (1)	During routine processing, the laser (LDD) and start-point detection (SYN) functions are disabled due to blow of the fuse (G011 and H011 on the SCN23A board) or laser failure (detail code: 805413, C05413, 00503).	 {MT:5.8}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12272	Insufficient laser light intensity	During routine processing, the laser light intensity is less than 50%, and the laser light intensity error signal (LD1OKL, LD1OKH) is detected (detail code: 004000). Alternatively, the laser light intensity error signal (LD1OKL, LD1OKH) and laser drive current value (LDIF) error are detected (detail code: 014000).	 {MT:13.}
12273	Laser life warning	During routine processing, the laser drive current value (LDIF) is more than 1.4 times the factory default value.	 {MT:5.10}
12281	Start-point detection error (1)	During bootup, the disabled state of the start-point detection (SYN) function, and error for the PLL function and polygon rotation detection function on the SCN23A board are detected (detail code: 801C03). Alternatively, the disabled state of the start-point detection (SYN) function, and error for the PLL function on the SCN23A board are detected (detail code: 800C03). Alternatively, during routine processing, the disabled state of the start-point detection (SYN) function, and error for the PLL function and polygon rotation detection function on the SCN23A board are detected (detail code: 801401).	 {MT:5.9}
12282	Start-point detection error (2)	During bootup and routine processing, only error for the start-point interval function on the SCN23A board is detected (detail code: 000400). Alternatively, error for the start-point interval function and polygon rotation detection function on the SCN23A board is detected (detail code: 001401).	 {MT:5.9}
12283	Scanning optics unit board error during bootup	During bootup, the laser (LDD), start-point detection (SYN), and leading-edge detection (SED) functions are disabled due to laser failure or disconnected connector.	 {MT:5.10}
12284	LD monitor value error warning	During IP reading, the laser drive current value (LDIF) becomes more than 1.4 times the factory default value.	 {MT:5.10}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12285	HV command value error warning	During IP reading, error is detected for the HV command value signal sent from the SCN23A board to the PMT23A board. The difference between MIN and MAX of the monitor value relative to the setup value is out of specification.	 {MT:5.14}
12286	HV detection value error warning	During routine processing, error is detected for the HV detection value signal of the PMT23A board. The difference between MIN and MAX of the monitor value relative to the setup value is out of specification.	 {MT:5.14}
12287	Image data variation or image signal connector error during routine processing	An abnormal image data change was detected when the image data transfer diagnostics was conducted for scanner diagnostics during routine processing. In the image data transfer diagnostics for scanner diagnostics during routine processing, an abnormal virtual data change, disconnected image signal connector, or erroneous connector connection was detected.	 {MT:5.12}
12291	Reading sequence error	During routine processing, error for the VSYNC signal on the SCN23A board is detected after IP reading is completed (detail code: 000002).	 {MT:18.}
12292	Reading sequence error during routine (2)	Reading is completed by any interrupt other than the leading-edge detection interrupt or end-of-screen interrupt. At the same time, an insufficient number of output lines and a too-early start of reading are detected (detail code: 000003).	 {MT:4.30}
12295	Scanner transmission/reception error	A scanner unit abnormality was detected while control communication is established between the CPU23B board and SCN23A board during bootup, during routine processing, or in the Maintenance Utility. Therefore, the control communication did not normally end.	 {MT:5.16}
12296	Scanner send sum check error	During bootup, during routine processing, or in the Maintenance Utility, control communication between the CPU23B board and SCN23A board can be done; however, sum check error is detected from the SCN23A board.	 {MT:5.16}
12297	Communication receive size error	During bootup, or during routine processing, or in the Maintenance Utility, communication between the CPU23B board and SCN23A board can be done; however, data size error is detected from the SCN23A board.	 {MT:5.16}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12298	Scanner retry error	During routine processing, because scanner-related error is detected, the IP is returned to the cassette and scanner initialization is performed, with a retry made for routine processing.	 {MT:5.11}
12299	Error for scanner, etc.	During bootup or routine processing, a combination of errors that should not have logically occurred were generated.	-
12318	Side-positioning grip home positioning retry	The side-positioning conveyor roller grip release motor (MC2) was driven during bootup or routine processing to perform a home positioning operation for the side-positioning grip. However, the side-positioning grip HP sensor (SC1) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.20}
12319	Side-positioning start position detection retry	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to detect a side-positioning start position. However, the side-positioning latch stroke sensor (SC10) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.21}
12320	Side-positioning mechanism home positioning retry	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to perform a home positioning operation for the side-positioning mechanism. However, the side-positioning latch stroke sensor (SC10) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.21}
12322	Subscanning grip position search retry	When a subscanning grip position search was conducted during bootup, it was found that the driving-side grip roller release HP sensor (SZ3) or driven-side grip roller release HP sensor (SZ2) was not CLOSED. Therefore, a retry was performed.	 {MT:4.26}
12323	Driving-side grip roller grip retry	When the driving-side grip roller performed a grip operation during bootup, the driving-side grip roller release HP sensor (SZ3) was not OPEN. Therefore, a retry was performed.	 {MT:4.26}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12324	Driven-side grip roller grip retry	When the driven-side grip roller performed a fast grip operation during bootup, the driven-side grip roller release HP sensor (SZ2) was not OPEN. Therefore, a retry was performed.	 {MT:4.26}
12325	Cassette cover closing mechanism HP release retry	The cassette cover closing mechanism driving motor (MA2) was driven during bootup or routine processing to perform a home position release operation for the cassette cover closing mechanism. However, the cassette cover closing mechanism HP sensor (SA8) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.12}
12326	Cassette cover closing mechanism home positioning retry	The cassette cover closing mechanism driving motor (MA2) was driven during bootup or routine processing to perform a home positioning operation for the cassette cover closing mechanism. However, the cassette cover closing mechanism HP sensor (SA8) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.12}
12329	Cassette cover opening mechanism home positioning retry (1)	The cassette cover opening mechanism driving motor (MA1) was driven by one pulse during bootup or routine processing to perform a home positioning operation for the cassette cover opening mechanism. However, the cassette cover opening mechanism HP sensor (SA7) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.15}
12330	Cassette cover opening mechanism home positioning retry (2)	The cassette cover opening mechanism driving motor (MA1) was driven during bootup or routine processing to perform a home positioning operation for the cassette cover opening mechanism. However, the cassette cover opening mechanism HP sensor (SA7) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.15}
12331	Cassette cover opening mechanism home positioning retry	The cassette cover opening mechanism driving motor (MA1) was driven during bootup or routine processing to perform a home positioning operation for the cassette cover opening mechanism. However, the cassette cover opening mechanism HP sensor (SA7) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.15}
12335	IP suction sensor error during bootup	It was found during bootup that the IP suction sensor (SA5) was CLOSED (the IP was vacuum-retained).	 {MT:4.18}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12336	Suction arm home positioning retry (1)	The suction arm driving motor (MA3) was driven by one pulse during bootup or routine processing to perform a home positioning operation for the suction arm. However, the suction arm HP sensor (SA6) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.16}
12337	Suction arm home positioning retry (2)	The suction arm driving motor (MA3) was driven during bootup or routine processing to perform a home positioning operation for the suction arm. However, the suction arm HP sensor (SA6) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.16}
12338	Suction arm home positioning retry	The suction arm driving motor (MA3) was driven during bootup or routine processing to perform a home positioning operation for the suction arm. However, the suction arm HP sensor (SA6) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.16}
12344	IP holding arm release retry during bootup (1)	When an attempt was made to release the cassette IP holding arm from the IP holding position during bootup, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Therefore, a retry was performed.	 {MT:4.14}
12345	IP holding arm release retry during bootup (2)	When an attempt was made to release the cassette IP holding arm from the cassette cover opening position during bootup, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Therefore, a retry was performed.	 {MT:4.14}
12350	Subscanning grip free rotation retry	When the subscanning unit grip roller freely rotated during bootup, the driving-side grip roller release HP sensor (SZ3) was not OPEN. Therefore, a retry was performed.	 {MT:4.26}
12351	Driving-side grip roller fast grip release retry	When a fast grip release operation was performed for the driving-side grip roller during bootup, the driving-side grip roller release HP sensor (SZ3) was not OPEN. Therefore, a retry was performed.	 {MT:4.26}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12352	Subscanning IP ejection grip retry	When a subscanning IP ejection grip operation was performed during bootup or routine processing, the driving-side grip roller release HP sensor (SZ3) was not CLOSED. Therefore, a retry was performed.	 {MT:4.26}
12357	Subscanning pre-reading grip retry (1)	When the subscanning unit performed a pre-reading grip operation during bootup or routine processing, the driven-side grip roller release HP sensor (SZ2) was not CLOSED. Therefore, a retry was performed.	 {MT:4.26}
12361	Cassette cover opening mechanism home positioning retry (1)	The cassette cover opening mechanism driving motor (MA1) was driven by one pulse during bootup or routine processing to perform a home positioning operation for the cassette cover opening mechanism. However, the cassette cover opening mechanism HP sensor (SA7) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.15}
12362	Cassette cover opening mechanism home positioning retry (2)	The cassette cover opening mechanism driving motor (MA1) was driven during bootup or routine processing to perform a home positioning operation for the cassette cover opening mechanism. However, the cassette cover opening mechanism HP sensor (SA7) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.15}
12363	Cassette cover opening mechanism home positioning retry	The cassette cover opening mechanism driving motor (MA1) was driven during bootup or routine processing to perform a home positioning operation for the cassette cover opening mechanism. However, the cassette cover opening mechanism HP sensor (SA7) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.15}
12367	Driven-side grip roller grip speed correction retry	When a subscanning grip speed correction operation was performed during bootup or routine processing, it was found that the driven-side grip roller release HP sensor (SZ2) was not OPEN. Therefore, a retry was performed.	 {MT:4.26}
12370	Dust removal home positioning retry	The dust removal motor (MZ3) was driven during bootup or routine processing to perform a home positioning operation for the dust removal mechanism. However, the dust removal HP sensor (SZ5) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.27}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12371	Dust removal mechanism drive retry (1)	The dust removal motor (MZ3) was driven by the dust removal mechanism during user utility processing. However, the dust removal HP sensor (SZ5) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.27}
12372	Dust removal mechanism drive retry (2)	The dust removal motor (MZ3) was driven by the dust removal mechanism during user utility processing. However, the dust removal HP sensor (SZ5) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.27}
12373	Cassette hold retry	The cassette hold pin solenoid (SOLA1) turned OFF (cassette hold) during routine processing. However, the cassette hold sensor (SA2) detected that a cassette hold was released (CLOSED). Therefore, a retry was performed.	 {MT:4.9}
12376	Cassette undetected in cassette hold sequence	The cassette hold pin solenoid (SOLA1) turned OFF (cassette hold) during routine processing. However, the cassette ejection sensor (SA11) detected that no cassette was present (OPEN).	 {MT:4.9}
12379	Cassette hold release retry	The cassette hold pin solenoid (SOLA1) turned ON (to release a cassette hold) during routine processing. However, the cassette hold sensor (SA2) detected a cassette hold (OPEN). Therefore, a retry was performed.	 {MT:4.9}
12381	Debris fall prevention shutter close retry	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to close the debris fall prevention shutter. However, it was found that the debris fall prevention shutter sensor (SA3) was OPEN (the shutter was open). Therefore, a retry was performed.	 {MT:4.13}
12382	Old cassette loading retry	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to prevent an IP drop. However, it was found that the cassette IP holding sensor (SA10) was OPEN (old cassette). Therefore, a retry was performed.	 {MT:4.14}
12383	Suction arm home positioning	When a suction arm home position was checked during bootup or routine processing, it was found that the suction arm HP sensor (SA6) was OPEN. Therefore, the suction arm was returned to its home position.	 {MT:4.16}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12386	IP drop detection (1)	After the cassette cover was opened during routine processing, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection).	 {MT:4.17}
12388	IP drop detection (2)	After IP suction during routine processing, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection).	 {MT:4.17}
12389	IP suction retry	The IP suction pump (PA1) turned ON during routine processing to perform an IP suction operation. However, it was found that the IP suction sensor (SA5) was CLOSED (the IP was not vacuum-retained). Therefore, a retry was performed.	 {MT:4.18}
12390	Feed IP suction retry	It was found during routine processing that the IP suction sensor (SA5) was CLOSED (the IP was not vacuum-retained) prior to the IP feed air leak sequence. Therefore, an IP feed operation was retried.	 {MT:4.18}
12391	IP holding arm release error (2)	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to release the cassette IP holding arm from the IP holding position after IP suction. However, it was found that the cassette IP holding sensor (SA10) was CLOSED (the IP was not held and an old cassette was detected).	 {MT:4.14}
12392	Feed suction IP leak error	When an IP feed leak operation was performed during routine processing, it was found that the IP suction sensor (SA5) was OPEN (the IP was vacuum-retained).	 {MT:4.18}
12393	Feed IP fall prevention retry	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to hold an IP. However, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Therefore, a retry was performed.	 {MT:4.14}
12396	Feed IP side-positioning conveyance retry (1)	The IP transport motors (MA4 and MC1) were driven during routine processing to perform a feed conveyance operation. However, IP sensor 2 (SG1) in the housing unit did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.5}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12397	Feed IP side-positioning conveyance retry (2)	The IP transport motors (MA4 and MC1) were driven during routine processing to perform a feed conveyance operation. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.4}
12399	IP length measurement retry	An IP length measurement process was performed with IP sensor 2 (SG1) in the housing unit in the feed conveyance sequence during routine processing. However, IP sensor 2 (SG1) CLOSED within a short period of time. Therefore, the IP length measurement process was retried.	 {MT:4.6}
12403	Barcode reading retry	The barcode could not be read during routine processing. Therefore, the barcode reading operation was retried.	 {MT:4.25}
12408	Side-positioning grip release drive retry	The side-positioning conveyor roller grip release motor (MC2) was driven during bootup or routine processing to release the side-positioning grip. However, the side-positioning grip release position sensor (SC2) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.20}
12410	Side-positioning grip drive retry	The side-positioning conveyor roller grip release motor (MC2) was driven for the side-positioning grip during bootup or routine processing. However, the side-positioning grip HP sensor (SC1) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.20}
12415	Subscanning conveyance error (2)	The subscanning motor (MZ1) was driven during routine processing to perform a reading conveyance operation. As a result, a leading-edge detection interrupt occurred. However, IP sensor 1 (SC3) in the side-positioning conveyor unit did not OPEN within a predetermined period of time.	 {MT:4.29}
12416	FFM drive W.F. abnormal	The subscanning motor (MZ1) was driven during routine processing to perform a reading conveyance operation. However, a W.F. abnormality was detected.	 {MT:4.28}
12417	Driven-side grip roller grip error (2)	The driven/driving grip roller driving motor (MZ2) was driven during routine processing to let the driven-side grip roller perform a grip operation. However, the driven-side grip roller release HP sensor (SZ2) did not OPEN within a predetermined period of time.	 {MT:4.26}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12419	Post-reading conveyance retry	The IP transport motors (MA4, MC1, and MZ1) were driven during routing processing to perform a post-reading conveyance operation. However, IP sensor 2 (SG1) in the housing unit did not CLOSE (did not detect an IP) within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.8}
12421	Load IP suction retry	The IP suction pump (PA1) turned ON during routine processing to perform an IP hold release operation. However, it was found that the IP suction sensor (SA5) was CLOSED (the IP was not vacuum-retained). Therefore, a retry was performed.	 {MT:4.18}
12422	Load IP drop retry (1)	After an IP hold release operation was performed during routine processing, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection). Therefore, a retry was performed.	 {MT:4.17}
12423	Load IP drop retry (2)	After the cassette cover was closed during routine processing, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection). Therefore, a retry was performed.	 {MT:4.17}
12424	Load IP hold retry	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to prevent an IP drop. However, it was found that the cassette IP holding sensor (SA10) was CLOSED (the IP was not held and an old cassette was detected). Therefore, a retry was performed.	 {MT:4.14}
12428	Load IP hold release retry (1)	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to release an IP hold in the load sequence. However, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Therefore, a retry was performed.	 {MT:4.14}
12429	Load IP hold release retry (2)	The cassette cover opening mechanism driving motor (MA1) was driven during routine processing to release an IP hold in the load sequence. However, it was found that the cassette IP holding sensor (SA10) was OPEN (the IP was held and a new cassette was detected). Therefore, a retry was performed.	 {MT:4.14}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12430	Cassette cover opening mechanism HP drive retry	The cassette cover opening mechanism driving motor (MA1) was driven to perform a home positioning operation for the cassette cover opening mechanism during routine processing. However, it was found that the debris fall prevention shutter sensor (SA3) was CLOSED (the shutter was closed). Therefore, a retry was performed.	 {MT:4.13}
12432	Load IP suction relief retry	When a suction relief operation was performed in the IP load sequence during routine processing, it was found that the IP suction sensor (SA5) was OPEN (the IP was vacuum-retained). Therefore, a retry was performed.	 {MT:4.18}
12436	Cassette cover closing mechanism drive retry	The cassette cover closing mechanism driving motor (MA2) was driven during routine processing. However, the cassette cover closing mechanism HP sensor (SA8) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.12}
12438	Cassette cover closing mechanism home positioning retry	The cassette cover closing mechanism driving motor (MA2) was driven during bootup or routine processing to perform a home positioning operation for the cassette cover closing mechanism. However, the cassette cover closing mechanism HP sensor (SA8) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.12}
12439	Cassette cover closing mechanism home positioning retry error	The cassette cover closing mechanism driving motor (MA2) was driven during bootup or routine processing to perform a home positioning operation for the cassette cover closing mechanism. However, the cassette cover closing mechanism HP sensor (SA8) did not CLOSE within a predetermined period of time. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.12}
12440	Cassette cover closing mechanism close positioning error	The cassette cover closing mechanism driving motor (MA2) was driven during bootup or routine processing to place the cassette cover closing mechanism in the close position. However, the cassette cover CLOSE position sensor (SA12) did not CLOSE within a predetermined period of time.	 {MT:4.12}
12441	Cassette cover closing mechanism HP check	When a home position check was performed on the cassette cover closing mechanism during bootup or routine processing, the suction arm HP sensor (SA6) was OPEN. Therefore, the cassette cover closing mechanism was placed at its home position.	 {MT:4.16}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12442	IP found in remaining IP ejection cassette during bootup	When a remaining IP ejection process was performed during bootup, an IP was found in the cassette.	-
12443	Bootup cassette cover opening mechanism home positioning retry	When the cassette cover opening mechanism was moved from the reference position to the home position during bootup, it was found that the IP dropping sensor (SA4) was CLOSED (due to IP detection). Therefore, a retry was performed.	 {MT:4.17}
12444	Driven-side grip roller grip error	When the driven-side grip roller performed a grip operation during routine processing, it was found that the driven-side grip roller release HP sensor (SZ2) was not OPEN.	 {MT:4.26}
12446	Subscanning grip speed timeout (2)	The driven/driving grip roller driving motor (MZ2) was driven during routine processing to let the driven-side grip roller perform a grip operation. However, the time required for the driven-side grip roller release HP sensor (SZ2) to switch from the CLOSE state to the OPEN state was not as specified. (Since the required time was significantly different from the specified time, a correction must be made.)	 {MT:4.26}
12447	Subscanning pre-reading grip retry error (2)	When the subscanning unit performed a pre-reading grip operation during bootup or routine processing, the driven-side grip roller release HP sensor (SZ2) was not CLOSED. Although retries were performed, the maximum retry count was exceeded.	 {MT:4.26}
12448	Subscanning pre-reading grip retry (2)	When the subscanning unit performed a pre-reading grip operation during bootup or routine processing, the driven-side grip roller release HP sensor (SZ2) was not CLOSED. Therefore, a retry was performed.	 {MT:4.26}
12449	Cassette cover opening mechanism operation error	The cassette cover opening mechanism driving motor (MA1) was driven to release an IP hold in the load sequence during routine processing. However, it was found that the cassette cover opening mechanism HP sensor (SA7) was CLOSED.	 {MT:4.15}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12452	No remaining-IP ejection empty cassette during bootup	When a remaining IP ejection process was performed during bootup, a remaining IP was detected in the machine. However, it was found that there was no ejection cassette in the cassette set unit.	 {MT:4.10}
12455	Two IPs remaining during bootup	When a remaining IP search process was performed during bootup, the IP dropping sensor (SA4) in the cassette set unit and IP sensor 1 (SC3) in the side-positioning conveyor unit were both CLOSED (due to IP detection). It was therefore concluded that there were a plurality of IPs in the machine.	 {MT:4.1}
12460	Old/new cassette judgment retry during bootup	When the cassette IP holding arm held an IP during bootup to determine whether an old or new cassette is used, it was found that the cassette IP holding sensor (SA10) was CLOSED (the IP was not held and an old cassette was detected). Therefore, a retry was performed.	 {MT:4.14}
12464	Side-positioning reference block home positioning retry	The side-positioning reference block driving motor (MC4) was driven during bootup or routine processing to place the side-positioning reference block at its home position. However, the side-positioning reference block HP sensor (SC7) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.23}
12465	Side-positioning reference block reference surface positioning retry	The side-positioning reference block driving motor (MC4) was driven during bootup or routine processing to perform a reference surface positioning operation for the side-positioning reference block. However, the side-positioning reference block HP sensor (SC7) did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.23}
12466	Side-positioning reference block return retry	The side-positioning reference block driving motor (MC4) was driven during bootup or routine processing to return the side-positioning reference block. However, the side-positioning reference block HP sensor (SC7) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.23}
12467	Side-positioning latch home positioning retry	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to perform a home positioning operation for the side-positioning latch. However, the side-positioning latch position sensor (SC8) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.24}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12468	Side-positioning latch HP detection retry	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to detect the home position of the side-positioning latch. However, the side-positioning latch position sensor (SC8) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.24}
12469	Side-positioning latch protrusion retry	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to protrude the side-positioning latch. However, the side-positioning latch position sensor (SC8) did not OPEN within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.24}
12474	Feed IP conveyance error (3)	The IP transport motors (MA4 and MC1) were driven during routine processing to perform a feed conveyance operation. However, IP sensor 2 (SG1) in the housing unit did not CLOSE within a predetermined period of time. Therefore, a retry was performed.	 {MT:4.5}
12510	Message format error	An illegal command was received from the CL during bootup or routine processing.	-
12520	Message transmission failure	An attempt to transmit a message from the RU to the CL failed during bootup or routine processing.	 {MT:14.}
12521	RES message receiving time-out	During bootup or routine processing, a REQUEST message is transmitted from RU to CL, however, RU cannot receive a RESPONSE message, thus resulting in a time-out.	 {MT:14.}
12522	ACK receiving time-out	During bootup or routine processing, a message is transmitted from RU to CL, however, RU cannot receive ACK, thus resulting in a time-out.	 {MT:14.}
12523	SET command CL receiving error	Although the SET command was transmitted from the RU during routine processing, a signal other than OK was received as a response from the CL. After the processed IP returns to a cassette, the cassette is ejected so that the associated message appears on the RU panel.	-
12524	Forbidden Response to Start-Process command	Although the Start-Process command was transmitted from the RU to the CL immediately after cassette insertion during routine processing, a rejection command was received from the CL. After the processed IP returns to a cassette, the cassette is ejected so that the associated message appears on the RU panel.	 {MT:14.}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12525	Forbidden Response to INQ command	Although the INQ command was transmitted from the RU to the CL immediately after cassette insertion during routine processing, a rejection command was received from the CL. After the processed IP returns to a cassette, the cassette is ejected so that the associated message appears on the RU panel.	 {MT:14.}
12526	Forbidden Response to Start-Read command	Although the Start-Read command was transmitted from the RU immediately before IP reading during routine processing, a rejection command was received from the CL. After the processed IP returns to a cassette, the cassette is ejected so that the associated message appears on the RU panel.	 {MT:14.}
12589	Image read error	An error occurred during routine processing when an attempt was made to read image data from an image area in the SDRAM on the CPU23B board.	 {MT:18.}
12591	Image read timeout	A timeout occurred during routine processing when an attempt was made to read image data from an image area in the SDRAM on the CPU23B board.	 {MT:18.}
12592	Image read error	An error occurred in the scanner correction mode of the Maintenance Utility when an attempt was made to read image data from an image area in the SDRAM on the CPU23B board.	 {MT:18.}
12594	Error in image transfer from SCN board	During normal use or in the Maintenance Utility, the whole or part of an image was not transferred from the SCN23A board to the CPU23B board.	 {MT:18.}
12711	Erasure unit safety thermostat activation	During bootup or routine processing, the safety thermostat (TSWE1) was activated because the temperature of the erasure unit lamp house was unduly raised.	 {MT:6.5}
12730	ERS23A board fuse blowout	It was detected during bootup or routine processing that the fuse mounted on the ERS23A board was blown. You cannot replace the fuse. Replace the erasure unit or ERS23A board.	 {MT:9.}
12740	ERS board communication error	During bootup, an error was detected in the communication between the CPU23B board and ERS board.	 {MT:18.}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12770	INV board port 1 failure	It was detected during bootup or routine processing that the INV-board-mounted fuse for port 1 was blown. For the INV board location and port numbers, refer to the MD volume.	 {MT:6.7}
12771	INV board port 2 failure	It was detected during bootup or routine processing that the INV-board-mounted fuse for port 2 was blown. For the INV board location and port numbers, refer to the MD volume.	 {MT:6.7}
12772	INV board port 3 failure	It was detected during bootup or routine processing that the INV-board-mounted fuse for port 3 was blown. For the INV board location and port numbers, refer to the MD volume.	 {MT:6.7}
12773	INV board port 4 failure	It was detected during bootup or routine processing that the INV-board-mounted fuse for port 4 was blown. For the INV board location and port numbers, refer to the MD volume.	 {MT:6.7}
12774	INV board port 5 failure	It was detected during bootup or routine processing that the INV-board-mounted fuse for port 5 was blown. For the INV board location and port numbers, refer to the MD volume.	 {MT:6.7}
12775	INV board port 6 failure	It was detected during bootup or routine processing that the INV-board-mounted fuse for port 6 was blown. For the INV board location and port numbers, refer to the MD volume.	 {MT:6.7}
12790	Wait for erasure due to out-of-range temperature	During routine processing, the erasure unit internal temperature did not reach a specified level within 60 seconds. Therefore, the message appeared and erasure degeneration occurred.	 {MT:6.4}
12791	Timeout after wait for erasure due to out-of-range temperature	During routine processing, temperature buildup was awaited before IP erasure because the erasure unit internal temperature was out of range. However, a timeout occurred. As a result, erasure degeneration occurred.	 {MT:6.4}
12792	Out-of-range temperature during erasure	The temperature was out of range during erasure.	 {MT:6.4}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12801	MA1 fuse blowout	It was detected during bootup or routine processing that the F2 fuse on the SND23A board (MA1 fuse) was blown.	 {MT:9.}
12802	MA3 fuse blowout	It was detected during bootup or routine processing that the F3 fuse on the SND23A board (MA3 fuse) was blown.	 {MT:9.}
12803	MA4 fuse blowout	It was detected during bootup or routine processing that the F4 fuse on the SND23A board (MA4 fuse) was blown.	 {MT:9.}
12804	SPSV fuse blowout	It was detected during bootup or routine processing that the F5 fuse on the SND23A board (a common fuse for the solenoids, pumps, and valves) was blown.	 {MT:9.}
12805	ALLSA fuse blowout	It was detected during bootup or routine processing that the F1 fuse on the SND23A board (a common fuse for the daylight section sensors) was blown.	 {MT:9.}
12806	MC1 fuse blowout	It was detected during bootup or routine processing that the F2 fuse on the SND23B board (MC1 fuse) was blown.	 {MT:9.}
12807	MC3 fuse blowout	It was detected during bootup or routine processing that the F3 fuse on the SND23B board (MC3 fuse) was blown.	 {MT:9.}
12808	MZ2 fuse blowout	It was detected during bootup or routine processing that the F6 fuse on the SND23B board (MZ2 fuse) was blown.	 {MT:9.}
12809	Scanner fan fuse blowout	It was detected during bootup or routine processing that the F4 fuse on the SND23B board (FANG1 or FANG2 fuse) was blown.	 {MT:9.}
12811	MZ1 fuse blowout	It was detected during bootup or routine processing that the F5 fuse on the SND23B board (the fuse for protecting the subscanning motor (MZ1)) was blown.	 {MT:9.}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12812	IP conveyance sensor fuse blowout	It was detected during bootup or routine processing that the F1 fuse on the SND23B board (the fuse for protecting the side-positioning conveyor sensors (SC1 to SC3 and SC6 to SC10), subscanning unit sensors (SZ2, SZ3, and SZ5), and housing unit sensor (SG1)) was blown.	 {MT:9.}
12820	SDRAM test error	In the Maintenance Utility, an error occurred when an SDRAM diagnostic check was performed on the CPU23B board.	 {MT:18.}
12821	CPU23B board flash ROM diagnostic error	When a board check was conducted in the Maintenance Utility, an abnormality was detected in the flash ROM read/write test.	 {MT:18.}
12822	CPU23B board interrupt diagnostic error	When a board check was conducted in the Maintenance Utility, an abnormality was detected in the CPU23B interrupt test.	 {MT:18.}
12823	CPU23B board register diagnostic error	In the Maintenance Utility, an error occurred when a register diagnostic check was performed on the CPU23B board.	 {MT:18.}
12830	SCN23A board interrupt diagnostic error	When the SCN23A board was checked in the Maintenance Utility, an abnormality was detected in the interrupt test.	 {MT:18.}
12831	SCN23A board register diagnostic error	When the SCN23A board was checked in the Maintenance Utility, an abnormality was detected in the register read/write test.	 {MT:18.}
12840	SCN23A board interrupt diagnostic error	When the SCN23A board was checked in the Maintenance Utility, an abnormality was detected in the interrupt test.	 {MT:18.}
12841	SCN23A board register diagnostic error	When the SCN23A board was checked in the Maintenance Utility, an abnormality was detected in the register test.	 {MT:18.}

Error Code	Error Name	Occurrence Condition	Analysis Flow
12842	SCN23B board interrupt diagnostic error	When the SCN23B board was checked in the Maintenance Utility, an abnormality was detected in the interrupt test.	 {MT:18.}
12843	SCN23B board register diagnostic error	When the SCN23B board was checked in the Maintenance Utility, an abnormality was detected in the register test.	 {MT:18.}
12850	Panel board communication timeout	When the PNL23A board diagnostic check was performed in the Maintenance Utility, a timeout occurred in the communication with the CPU23B board.	 {MT:18.}
12851	PNL23A board flash ROM diagnostic error	In the Maintenance Utility, an error occurred when a flash ROM diagnostic check was performed on the PNL23A board.	 {MT:18.}
12852	PNL23A board SDRAM diagnostic error	In the Maintenance Utility, an error occurred when an SDRAM diagnostic check was performed on the PNL23A board.	 {MT:18.}
12853	PNL23A board self-diagnostic error	In the Maintenance Utility, an error occurred when flash ROM and SDRAM diagnostic checks were performed on the PNL23A board.	 {MT:18.}
12960	Re-erasure detection	During routine processing, an IP that was inadequately erased due to X-ray overdose was returned to the cassette. The error occurs only when the log function is turned on for configuration setup purposes.	-
12980	MUTL mode multiple access warning	- "MUTL mode" functions are simultaneously activated for the RU. - The function that is entered first is activated, but the function that is entered second is not activated, and error is logged.	-
12990	FTP server access error	During bootup and during routine processing, the FTP server cannot be accessed for communication from the RU to the CL. Or, the FTP server may be accessed, but a connection cannot be established.	 {MT:14.}
13200	High-voltage OFF during bootup	During bootup, the photomultiplier (PMT23A board) high voltage is OFF.	-

Error Code	Error Name	Occurrence Condition	Analysis Flow
13207	High-voltage ON retry	During bootup or routine processing, a command error occurred in the status acquisition sequence after high-voltage turn-ON. Therefore, a retry was performed.	-
13210	Polygon timeout	During bootup and routine processing, the polygon OK signal is not detected within 7 seconds after turn-ON of the polygonal mirror.	 {MT:5.7}
13227	Reading IP size error	The IP of the size other than the input size is inserted for shading correction of the M-Utility, so that error is detected.	-
13228	Shading correction data error	In the shading correction mode of the Maintenance Utility, a correction was made of a non-flat image or a clear portion that was generated due to improper image formatting. Make the shading correction again.	-
13229	HVCNT value error	During M-Utility operation, an out-of-spec HV is inputted.	-
13240	Start-point mask signal warning	- During bootup or during routine processing, the start-point mask signal issued from the SCN23A board varies by 0.02%, peak to peak. - During bootup or during routine processing, the detection of 12241 error is done with 2% variations.	-
13260	Main scan interval warning	During bootup or routine processing, the range of main scan interval variations was outside the upper or lower limit of the error decision value parameter. <User operation> If vibration is applied to the machine from the outside while the adjuster bolts are not lowered, the vibration is transmitted to the scanning optics unit and logged. <Action> Check to ensure that the adjuster bolts are lowered.	-

Error Code	Error Name	Occurrence Condition	Analysis Flow
13270	LDIFMAX update	This error occurs when the surrounding temperature around the machine changes drastically. During routine processing checks, it is detected that the LD drive current value varies by more than 5 mA. In order to adjust the insufficient luminosity due to degraded LD (to maintain the same level of luminosity), it is necessary to vary the LD drive current by more than 5 mA. During LDIFMAX update, variations of 5 mA or more are detected.	-
13284	LD monitor value error warning	During routine processing, the difference between MIN and MAX of the laser drive current monitor value is out of specification.	 {MT:5.10}
13285	HV command value error warning	During routine processing, error is detected for the HV command value signal sent from the SCN23A board to the PMT23A board. The difference between MIN and MAX of the monitor value relative to the setup value is out of specification.	 {MT:5.14}
13286	HV detection value error warning	During routine processing, error is detected for the HV detection value signal of the PMT23A board. The difference between MIN and MAX of the monitor value relative to the setup value is out of specification.	 {MT:5.14}
13289	Format adjustment data error	In the Maintenance Utility, when format adjustments are performed, out-of-range data is inputted.	-
13290	Scanner data format error	When a restore command was executed in the M-Utility to write scanner data from a floppy disk to the IMG board flash ROM, the command did not terminate normally because a scanner data format error was detected.	-
13295	Scanner send/receive retry warning	When control communication was established between the CPU23B board and SCN23A board from the Maintenance Utility during bootup or routine processing, a scanner unit error was detected. Error recovery was achieved by performing a retry operation.	-
13312	Bootup cassette size sensor combination inconsistency	The cassette size sensors (SA9, SA14, and SA15) detected an abnormal combination during bootup.	 {MT:4.11}

Error Code	Error Name	Occurrence Condition	Analysis Flow
13319	Side-positioning start position detection error	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to detect a side-positioning start position. However, the side-positioning latch stroke sensor (SC10) did not CLOSE within a predetermined period of time.	 {MT:4.21}
13320	Side-positioning latch HP detection error	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to detect the side-positioning home position. However, the side-positioning latch stroke sensor (SC10) did not OPEN within a predetermined period of time.	 {MT:4.21}
13321	Error encountered before side-positioning start position detection	When an attempt was made during bootup or routine processing to detect a side-positioning start position, the side-positioning latch stroke sensor (SC10) was CLOSED.	 {MT:4.21}
13368	Subscanning grip speed data update (1)	The speed data was updated during bootup or routine processing to correct the subscanning grip speed.	-
13369	Driven-side grip roller grip release timeout (great)	The driven/driving grip roller driving motor (MZ2) was driven during bootup or routine processing to correct the subscanning grip speed. However, the time required for the driven-side grip roller release HP sensor (SZ2) to switch from the CLOSE state to the OPEN state was considerably longer than the specified time.	 {MT:4.26}
13417	Driven-side grip roller grip release timeout (small)	The driven/driving grip roller driving motor (MZ2) was driven during routine processing to let the driven-side grip roller perform a grip operation. However, the time required for the driven-side grip roller release HP sensor (SZ2) to switch from the CLOSE state to the OPEN state was a bit longer than the specified time.	 {MT:4.26}
13468	Side-positioning latch HP detection error	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to detect the home position of the side-positioning latch. However, the side-positioning latch position sensor (SC8) did not OPEN within a predetermined period of time.	 {MT:4.24}
13469	Side-positioning latch protrusion error	The side-positioning latch mechanism driving motor (MC3) was driven during bootup or routine processing to protrude the side-positioning latch. However, the side-positioning latch position sensor (SC8) did not OPEN within a predetermined period of time.	 {MT:4.24}

Error Code	Error Name	Occurrence Condition	Analysis Flow
13520	Detection of communication abortion to CL	During bootup or during routine processing, it is detected that the communication between the CL and the RU is broken.	 {MT:14.}
13521	CL communication failure detected	During bootup or during routine processing, because the communication between the CL and RU is broken, the connection is suspended and initialization of communication between the CL and RU is performed again.	 {MT:14.}
13530	CL image data receive timeout	The CL was too late receiving the image data sent from the RU, so that the image was retransmitted from the RU. The network is overloaded, or a communication error occurs due to hardware failure of the network, thereby causing frequent retries.	 {MT:14.}